Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4481.7	4456.0	4473.9	4511.9	4535.1	25.7	-30.2	-53.4
LABOR-MANAGEMENT DISPUTES	3.7	5.4	4.6	6.1	5.0	- 1.7	- 2.4	+ 1.3
TOTAL MANUFACTURING INDUSTRIES	1108.9	1103.5	1094.7	1103.9	1143.2	5.4	5.0	-34.3
TOTAL DURABLE GOODS	631.7	627.2	621.6	626.5	659.8	4.5	5.2	-28.1
Lumber & wood products	20.9	20.7	20.2	19.9	18.0	0.2	1.0	2.9
Millwork, plywood & structural	6.9	6.7	6.4	6.2	5.7	0.2	0.7	1.2
Other lumber & wood prod	14.0	14.0	13.8	13.7	12.3	0.0	0.3	1.7
Furniture & fixtures	19.0	18.7	17.7	18.0	18.6	0.3	1.0	0.4
Household furniture	7.9	8.0	7.6	7.8	7.8	-0.1	0.1	0.1
Office furniture	5.4	5.2	4.8	4.9	5.0	0.2	0.5	0.4
Other furniture & fixtures	5.7	5.5	5.3	5.3	5.8	0.2	0.4	-0.1
Stone, clay & glass products	50.9	50.4	50.7	50.8	52.1	0.5	0.1	-1.2
Glass & glassware, pressed or blown	13.5	13.3	13.6	13.8	14.1	0.2	-0.3	-0.6
Glass containers	6.8	7.0	7.1	7.2	7.3	-0.2	-0.4	-0.5
Other pressed or blown glass	6.7	6.3	6.5	6.6	6.8	0.4	0.1	-0.1
Hydraulic cement	2.2	2.2	2.2	2.2	2.4	0.0	0.0	-0.2
Structural clay products	4.7	4.6	4.5	4.6	4.7	0.1	0.1	0.0
Pottery & related products	4.2	4.1	4.2	4.2	4.5	0.1	0.0	-0.3
Concrete, gypsum & plaster prod.	7.7	7.8	7.9	7.7	7.5	-0.1	0.0	0.2
Other stone, clay & glass prod.	18.6	18.4	18.3	18.3	18.9	0.2	0.3	-0.3
Primary metal industries	124.5	124.8	123.9	124.8	129.8	-0.3	-0.3	-5.3
Blast furnace & basic steel prod.	86.5	87.0	86.6	87.4	90.5	-0.5	-0.9	-4.0
Blast furnaces & steel mills	78.6	79.3	78.9	79.6	82.3	-0.7	-1.0	-3.7
Other basic steel products	7.9	7.7	7.7	7.8	8.2	0.2	0.1	-0.3
Iron & steel foundries	11.7	11.6	11.4	11.7	13.3	0.1	0.0	-1.6
Gray iron foundries	5.8	5.8	5.4	5.5	5.5	0.0	0.3	0.3
Steel foundries, n.e.c.	3.4	3.4	3.6	3.7	4.3	0.0	-0.3	-0.9
Malleable iron & steel invest.	2.5	2.4	2.4	2.5	3.5	0.1	0.0	-1.0
Nonferrous rolling & drawing	13.0	13.0	13.0	12.7	12.7	0.0	0.3	0.3
Nonferrous foundries	5.7	5.6	5.5	5.6	6.0	0.1	0.1	-0.3
Other primary metal products	7.6	7.6	7.4	7.4	7.3	0.0	0.2	0.3
Fabricated metal products	89.3	89.0	87.7	87.3	95.1	0.3	2.0	-5.8
Metal cans & shipping containers	3.4	3.4	3.3	3.3	3.3	0.0	0.1	0.1
Cutlery, hand tools & hardware	4.7	4.6	4.6	4.6	5.2	0.1	0.1	-0.5
Plumbing & heating exc. electrical	2.7	2.6	2.6	2.6	2.7	0.1	0.1	0.0
Fabricated structural metal prod.	27.1	27.0	26.6	26.3	30.7	0.1	0.8	-3.6
Fabricated structural metal	4.8	4.7	4.6	4.5	5.9	0.1	0.3	-1.1
Fabricated plate work (boiler shops)	6.8	6.9	6.9	6.9	9.0	-0.1	-0.1	-2.2
Other fabricated struct. metal prod.	15.5	15.4	15.1	14.9	15.8	0.1	0.6	-0.3
Screw machine products, bolts, etc.	6.4	6.4	6.3	6.5	6.9	0.0	-0.1	-0.5
Metal forgings & stampings	16.9	17.4	17.0	16.8	17.9	-0.5	0.1	-1.0
Iron & steel forgings	3.8	4.3	4.3	4.3	4.8	-0.5	-0.5	-1.0
Other metal forgings & stampings	13.1	13.1	12.7	12.5	13.1	0.0	0.6	0.0
Metal services & ordnance, n.e.c.	8.3	8.3	8.3	8.3	8.1	0.0	0.0	0.2
Misc. fabricated metal products	19.8	19.3	19.0	18.9	20.3	0.5	0.9	-0.5
Valves & pipe fittings	7.3	7.2	7.1	7.0	7.7	0.1	0.3	-0.4
Other misc. fabricated metal prod.	12.5	12.1	11.9	11.9	12.6	0.4	0.6	-0.1
Machinery, exc. electrical	105.9	104.8	103.6	106.0	121.3	1.1	-0.1	-15.4
Engines & turbines	5.9	6.1	6.4	6.5	8.5	-0.2	-0.6	-2.6
Farm & garden machinery	3.1	3.1	3.0	3.0	3.4	0.0	0.1	-0.3
Construction & related mach.	14.9	14.8	15.4	15.3	20.0	0.1	0.4	-5.1
Construction machinery	4.9	4.9	4.8	4.6	6.8	0.0	0.3	-1.9
Conveyors & conveying equip.	3.4	3.3	3.2	3.2	3.5	0.1	0.2	-0.1
Other construction & related mach.	6.6	6.6	7.4	7.5	9.7	0.0	-0.9	-3.1
Metal working machinery	14.8	14.2	14.2	14.3	17.9	0.6	0.5	-3.1
Special industry machinery	10.8	10.8	10.5	10.8	11.9	0.0	0.0	-1.1

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYEES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
General industrial machinery	22.2	22.0	22.4	22.2	24.7	0.2	0.0	-2.5
Pumps & pumping equipment	3.5	3.5	3.7	3.6	4.1	0.0	-0.1	-0.6
Ball & roller bearings	3.4	3.3	3.2	3.2	3.3	0.1	0.2	0.1
Air & gas compressors	3.5	3.6	3.9	3.8	4.4	-0.1	-0.3	-0.9
Industrial furnaces & ovens	2.4	2.4	2.4	2.5	2.9	0.0	-0.1	-0.5
Other general industrial mach.	9.4	9.2	9.2	9.1	10.0	0.2	0.3	-0.6
Office and computing machines	13.1	12.9	13.0	12.9	12.9	0.2	0.2	0.2
Refrigeration & service ind. mach.	9.4	9.4	7.2	9.5	9.3	0.0	-0.1	0.1
Misc. machinery, exc. electrical	11.7	11.5	11.5	11.5	12.7	0.2	0.2	-1.0
Electric & electronic equipment	102.5	101.7	101	102.3	106.5	0.8	0.2	-4.0
Electric distributing equip.	11.5	11.8	12.1	12.6	15.1	-0.3	-1.1	-3.6
Transformers	4.0	3.9	3.9	4.2	5.2	0.1	-0.2	-1.2
Switchgear & switchboard apparatus	7.5	7.9	8.2	8.4	9.9	-0.4	-0.9	-2.4
Electrical industrial apparatus	15.9	15.9	15.7	15.9	16.3	0.0	0.0	-0.4
Household appliances	3.7	3.6	3.5	4.0	4.1	0.1	-0.3	-0.4
Electric lighting & wiring equip.	19.4	19.5	18.9	19.4	20.2	-0.1	0.0	-0.8
Current-carrying wiring devices	11.3	11.6	11.3	11.5	11.3	-0.3	-0.2	0.0
Other electric light & wiring equip.	8.1	7.9	7.6	7.9	8.9	0.2	0.2	-0.8
Communication equipment	8.4	8.5	8.8	8.7	9.4	-0.1	-0.3	-1.0
Electronic components & accessories	33.5	32.7	32.6	32.2	31.8	0.8	1.3	1.7
Semiconductors & related devices	12.8	12.6	12.4	12.0	11.4	0.2	0.8	1.4
Other electronic components & access.	20.7	20.1	20.2	20.2	20.4	0.6	0.5	0.3
Other electrical equip. & supplies	10.1	9.7	9.7	9.5	9.6	0.4	0.6	0.5
Transportation equipment	60.7	59.2	59.5	59.6	58.6	1.5	1.1	2.1
Motor vehicles & equipment	24.5	23.5	22.7	22.6	20.6	1.0	1.9	3.9
Motor vehicle parts & access.	10.6	10.0	9.4	9.9	9.3	0.6	0.7	1.3
Other motor vehicles & equip.	13.9	13.5	13.3	12.7	11.3	0.4	1.2	2.6
Aircraft & parts	8.9	8.8	9.9	10.2	10.4	0.1	-0.3	-1.5
Ship & boat building & repairing	3.0	2.8	3.0	3.0	3.3	0.1	0.0	-0.3
Railroad equipment	11.9	11.6	11.5	11.5	12.6	0.3	0.4	-0.7
Other transportation equipment	12.4	12.5	12.4	12.3	11.7	-0.1	0.1	0.7
Instruments & related products	35.8	35.4	35.6	35.6	38.1	0.4	0.2	-2.3
Measuring & controlling devices	17.4	17.4	17.6	17.7	19.4	0.0	-0.3	-2.0
Medical instruments & supplies	10.8	10.8	10.7	10.7	10.9	0.0	0.1	-0.1
Other instruments & related prod.	7.6	7.2	7.3	7.2	7.8	0.4	0.4	-0.2
Miscellaneous manufacturing industries	22.2	22.5	21.4	22.2	21.7	-0.3	0.0	0.5
TOTAL NONDURABLE GOODS	477.2	476.3	473.1	477.4	483.4	0.9	-0.2	-6.2
Food & kindred products	93.9	92.8	93.2	91.8	94.6	1.1	2.1	-0.7
Meat products	13.3	13.1	13.3	13.1	13.5	0.2	0.2	-0.2
Meat packing plants	4.4	4.1	4.3	4.3	4.2	0.3	0.1	0.2
Sausages & other prepared meats	4.5	4.5	4.6	4.6	4.7	0.0	-0.1	-0.2
Poultry dressing & processing	4.4	4.5	4.4	4.2	4.6	-0.1	0.2	-0.2
Dairy products	11.2	11.4	11.4	11.3	11.2	-0.2	-0.1	0.0
Fluid milk	5.8	5.9	5.9	5.9	5.9	-0.1	-0.1	0.0
Other dairy products	5.4	5.5	5.5	5.4	5.3	-0.1	0.0	0.1
Preserved fruits & vegetables	12.5	11.6	11.4	10.7	12.8	0.9	1.8	-0.3
Canned fruits & vegetables	3.9	3.3	3.4	3.2	4.4	0.6	0.7	-0.5
Other preserved fruits & vegetables	8.6	8.3	8.0	7.5	8.4	0.3	1.1	0.2
Grain mill products	5.3	5.2	5.3	5.3	5.2	0.1	0.0	0.1
Bakery products	17.0	17.1	17.4	17.4	17.1	-0.1	-0.4	-0.1
Bread, cake & related prod.	12.7	13.0	13.1	13.2	12.8	-0.3	-0.5	-0.1
Cookies & crackers	4.3	4.1	4.3	4.2	4.3	0.2	0.1	0.0
Sugar & confectionery prod.	15.5	15.1	14.9	14.9	15.3	0.4	0.6	0.2
Beverages	9.5	9.6	9.8	9.5	9.4	-0.1	0.0	0.1
Other food & kindred products	9.6	9.7	9.7	9.6	10.1	-0.1	0.0	-0.5

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
Tobacco manufacturers	2.2	2.2	2.2	2.2	2.2	0.0	0.0	0.0
Textile mill products	39.2	38.8	38.2	38.9	38.8	0.4	0.3	0.4
Weaving mills, synthetics	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Knitting mills	19.9	19.7	19.5	19.6	19.9	0.2	0.3	0.0
Knit outerwear mills	10.3	10.2	10.2	10.2	10.9	0.1	0.1	-0.6
Knit underwear mills	5.3	5.2	5.0	5.1	4.7	0.1	0.2	0.6
Other knitting mills	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Floor covering mills	3.1	3.0	3.0	3.0	2.9	0.1	0.1	0.2
Yarn & thread mills	3.1	3.1	2.9	3.1	3.0	0.0	0.0	0.1
Other textile mill prod.	8.8	8.7	8.5	8.9	8.7	0.1	-0.1	0.1
Apparel & other textile products	111.6	111.6	108.8	111.9	113.1	0.0	-0.3	-1.5
Men's & boys' suits & coats	14.8	14.9	14.8	15.0	14.8	-0.1	-0.2	0.0
Men's & boys' furnishings	16.8	17.0	17.3	17.3	17.7	-0.2	-0.5	-0.9
Men's & boys' shirts & nightwear	6.5	6.4	6.4	6.4	6.7	0.1	0.1	-0.2
Men's & boys' separate trousers	3.9	3.9	3.8	3.9	3.7	0.0	0.0	0.2
Other furnishings & work clothing	6.4	6.7	7.1	7.0	7.3	-0.3	-0.6	-0.9
Women's & misses' outerwear	49.5	49.6	48.2	50.5	52.1	-0.1	-0.5	-2.6
Women's & children's undergarments	10.5	10.3	9.4	9.8	9.9	0.2	0.7	0.6
Children's outerwear	8.1	7.9	7.9	8.1	7.4	0.2	0.0	0.7
Other apparel & textile prod.	11.9	11.9	11.2	11.2	11.2	0.0	0.7	0.7
Paper & allied products	40.2	39.8	39.5	40.0	40.1	0.4	0.2	0.1
Paper mills exc. building paper	9.9	9.4	9.4	9.5	10.1	0.5	0.4	-0.2
Paper board containers & boxes	14.2	14.0	13.9	13.8	13.9	0.2	0.4	0.3
Corrugated & solid fiber boxes	7.3	7.3	7.2	7.2	7.2	0.0	0.1	0.1
Other paperboard containers	6.9	6.7	6.7	6.6	6.7	0.2	0.3	0.2
Other paper & allied products	16.1	16.4	16.2	16.7	16.1	-0.3	-0.6	0.0
Printing & publishing	71.3	71.3	71.2	71.4	71.5	0.0	-0.1	-0.2
Newspapers	22.7	22.6	22.5	22.5	22.2	0.1	0.2	0.5
Books	5.5	5.7	5.8	5.9	5.5	-0.2	-0.4	0.0
Commercial printing	22.9	23.0	22.8	23.1	23.6	-0.1	-0.2	-0.7
Lithographing	13.6	13.5	13.4	13.7	13.9	0.1	-0.1	-0.3
Other commercial printing	9.3	9.5	9.4	9.4	9.7	-0.2	-0.1	-0.4
Manifold business forms	4.7	4.6	4.6	4.6	4.6	0.1	0.1	0.1
Other printing & publishing	15.5	15.4	15.5	15.3	15.6	0.1	0.2	-0.1
Chemicals & allied products	57.0	57.4	57.4	57.4	58.2	-0.4	-0.4	-1.2
Industrial inorganic chemicals	8.8	8.8	8.8	9.0	9.8	0.0	-0.2	-1.0
Plastic materials & synthetics	7.9	7.9	8.0	7.9	7.9	0.0	0.0	0.0
Drugs	19.2	19.4	19.4	19.2	18.6	-0.2	0.0	0.6
Soap, cleaners & toilet goods	3.3	3.3	3.3	3.3	3.2	0.0	0.0	0.1
Paints & allied products	3.9	4.1	4.0	4.0	4.0	-0.2	-0.1	-0.1
Other chemicals & allied prod.	13.9	13.9	13.9	14.0	14.7	0.0	-0.1	-0.8
Petroleum & coal products	14.4	15.0	15.9	16.1	16.6	-0.6	-1.7	-2.2
Petroleum refining	10.4	11.0	11.9	12.2	12.8	-0.6	-1.8	-2.4
Other petroleum & coal prod.	4.0	4.0	4.0	3.9	3.8	0.0	0.1	0.2
Rubber & misc. plastics products	34.0	33.9	33.4	33.9	33.7	0.1	0.1	0.3
Tires & inner tubes	2.9	2.8	2.8	2.7	2.7	0.1	0.2	0.2
Fabricated rubber prod., n.e.c.	3.9	3.6	3.6	3.6	3.9	0.3	0.3	0.0
Other rubber & plastic prod., n.e.c.	27.2	27.5	27.0	27.6	27.1	-0.3	-0.4	0.1
Leather & leather products	13.4	13.5	13.3	13.8	14.6	-0.1	-0.4	-1.2
Footwear, exc. rubber	10.3	10.5	10.4	10.8	11.7	-0.2	-0.5	-1.4
Men's footwear, exc. athletic	4.8	4.9	4.8	4.8	4.7	-0.1	0.0	-0.7
Women's footwear, exc. athletic	2.7	2.8	2.8	3.0	3.4	-0.1	-0.3	0.1
Other footwear	2.8	2.8	2.8	3.0	3.6	0.0	-0.2	-0.8
Other leather & leather prod.	3.1	3.0	2.9	3.0	2.9	0.1	0.1	0.2

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
TOTAL NONMANUFACTURING INDUSTRIES	3372.8	3352.5	3379.2	3408.0	3391.9	20.3	-35.2	-19.1
Mining	43.8	43.3	44.2	43.6	45.4	0.5	0.2	-1.6
Anthracite	2.6	2.5	2.6	2.6	3.5	0.1	0.0	-0.9
Bituminous	31.7	31.4	32.1	31.5	31.6	0.3	0.2	0.1
Nonmetallic minerals	4.4	4.3	4.4	4.4	4.5	0.1	0.0	-0.1
Contract Construction	161.1	164.2	164.7	158.9	179.9	-3.1	2.2	-18.8
General building	41.5	41.9	41.6	38.5	44.8	-0.4	3.0	-3.3
Heavy construction	33.1	34.4	35.2	35.2	40.6	-1.3	-2.1	-7.5
Special trades	86.5	87.9	87.9	85.2	94.5	-1.4	1.3	-8.0
Transportation	139.5	132.0	132.2	138.4	145.3	7.5	1.1	-5.8
Railroads	25.3	25.3	26.3	26.0	31.2	0.0	-0.7	-5.9
Public Utilities	103.5	89.7	104.2	103.9	105.6	13.8	-0.4	-2.1
Communications	53.1	38.8	53.6	53.4	55.5	14.3	-0.3	-2.4
Electric, gas & sanitary service	50.4	50.9	50.6	50.5	50.1	-0.5	-0.1	0.3
Electric systems	25.7	25.8	25.8	25.9	25.5	-0.1	-0.2	0.2
Gas production	9.0	9.0	8.7	8.6	9.0	0.0	0.4	0.0
Wholesale trade	233.9	234.4	234.8	235.7	238.3	-0.5	-1.8	-4.4
Retail trade	739.9	740.5	738.3	738.0	729.7	-0.6	1.9	10.2
General merchandise stores	117.2	115.8	117.9	115.7	114.9	1.4	1.5	2.3
Department stores	104.7	103.1	105.2	103.1	102.2	1.6	1.6	2.5
Finance, insurance & real estate	239.7	242.8	243.7	242.4	238.6	-3.1	-2.7	1.1
Banking	80.9	82.0	81.9	81.8	80.4	-1.1	-0.9	0.5
Commercial & stock savings	74.5	75.5	75.4	75.3	74.0	-1.0	-0.8	0.5
Credit agencies & securities	33.0	33.0	32.7	32.8	30.8	0.0	0.2	2.2
Insurance	69.4	69.6	69.9	69.4	69.5	-0.2	0.0	-0.1
Life insurance	26.6	26.7	26.7	26.8	26.8	-0.1	-0.2	-0.2
Fire, marine & casualty	27.8	28.0	28.3	27.8	28.2	-0.2	0.0	-0.4
Services	1063.9	1056.3	1059.2	1070.7	1055.2	7.6	-6.8	8.7
Business services	145.4	144.7	143.5	144.6	141.4	0.7	0.8	4.0
Health services	365.0	367.3	367.9	365.8	355.3	-2.3	-0.8	9.7
Nursing & personal care	55.8	56.2	55.9	55.7	54.5	-0.4	0.1	1.3
Hospitals	219.4	221.0	221.8	220.9	216.0	-1.6	-1.5	3.4
Educational service	126.6	106.7	109.0	124.4	129.1	19.9	2.2	-2.5
Miscellaneous services	47.0	47.1	47.1	58.5	49.0	-0.1	-11.5	-2.0
Engineering & architectural	28.9	29.2	29.3	29.6	30.7	-0.3	-0.7	-1.8
Government	647.5	649.3	657.9	676.4	653.9	-1.8	-28.9	-6.4
Federal	133.9	135.9	137.0	136.4	131.8	-2.0	-2.5	2.1
State & local	513.6	513.4	520.9	540.0	522.1	-7.5	-26.4	-8.7

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	ANNUAL AVERAGE 1982	1981	1980
All Manufacturing	INA	INA	INA	81.8	85.2	86.9	96.8	98.9
Primary Metals	INA	INA	INA	61.1	64.3	71.1	92.1	95.2
Apparel	INA	INA	INA	83.1	89.1	84.0	91.5	92.6
All Nonmanufacturing	INA	INA	INA	105.4	103.9	105.2	106.3	106.2
Construction	INA	INA	INA	86.4	93.1	90.7	98.2	103.3
Retail Trade	INA	INA	INA	103.0	101.8	101.8	103.6	103.7
Services	INA	INA	INA	123.8	118.3	121.1	117.3	112.9
Government	INA	INA	INA	94.6	93.8	95.7	98.9	101.7

INA - Information not available.

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76

∞ Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
Manufacturing	760.5	754.5	748.2	753.2	778.9	30,433.2	29,815.1	29,502.9	29,781.0	29,429.3	274,661.4	267,453.1	265,834.5	265,078.0	255,358.7
Durable Goods	422.3	416.9	413.7	415.4	435.1	17,303.9	16,812.3	16.773.2	16,865.3	16,654.0	173,504.5	167,403.0	167,725.5	166,656.1	160,761.7
Nondur. Goods	338.2	337.6	334.5	337.8	343.8	13,129.3	13,002.8	12,729.7	12,915.7	12,775.3	101,156.9	100,050.1	98,109.0	98,421.9	94,597.0

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
TOTAL MANUFACTURING INDUSTRIES	$361.20	$354.32	$353.70	$351.55	$328.10	40.0	39.5	39.3	39.5	37.8	$ 9.03	$ 8.97	$ 9.00	$ 8.90	$ 8.68
TOTAL DURABLE GOODS	411.23	401.39	404.19	401.13	369.60	41.0	40.3	40.5	40.6	38.3	10.03	9.96	9.98	9.88	9.65
Lumber & wood products	281.64	289.46	294.35	290.87	257.31	40.7	41.0	41.4	41.2	37.4	6.92	7.06	7.11	7.06	6.88
Millwork, plywood & structural	323.04	325.07	320.54	316.20	268.05	42.9	43.4	42.4	42.5	37.7	7.53	7.49	7.56	7.44	7.11
Other lumber & wood prod.	261.76	272.92	282.21	280.42	252.22	39.6	39.9	40.9	40.7	37.2	6.61	6.84	6.90	6.89	6.78
Furniture & fixtures	302.65	302.19	285.99	294.52	278.44	40.3	40.4	38.7	39.8	38.3	7.51	7.48	7.39	7.40	7.27
Household furniture	263.74	271.48	250.59	267.33	246.48	39.6	40.1	38.2	39.9	39.0	6.66	6.77	6.56	6.70	6.32
Office furniture	336.52	331.10	314.28	320.49	318.37	41.7	41.7	40.5	41.3	40.3	8.07	7.94	7.76	7.76	7.90
Other furniture & fixtures	329.54	326.33	318.10	314.64	290.05	39.8	39.7	37.6	38.0	35.2	8.28	8.22	8.46	8.28	8.24
Stone, clay & glass products	403.24	391.52	392.47	388.10	369.44	41.7	41.3	41.4	41.2	40.2	9.67	9.48	9.48	9.42	9.19
Glass & glassware, pressed or blown	416.00	402.78	414.26	401.29	391.23	41.6	41.1	42.1	41.2	41.4	10.00	9.80	9.84	9.74	9.45
Glass containers	445.20	428.08	429.51	429.51	411.76	42.0	41.4	41.7	41.7	41.3	10.60	10.34	10.30	10.30	9.97
Other pressed or blown glass	388.22	375.36	397.46	369.87	369.41	41.3	40.8	42.6	40.6	41.6	9.40	9.20	9.33	9.11	8.88
Hydraulic cement	560.58	580.75	575.08	568.54	537.21	42.5	43.6	43.6	43.4	42.4	13.19	13.32	13.19	13.10	12.67
Structural clay products	326.02	312.43	306.15	304.18	287.65	40.6	39.8	39.0	39.3	37.7	8.03	7.85	7.85	7.74	7.63
Pottery & related products	382.82	356.00	355.54	353.42	335.23	40.9	39.6	39.2	39.8	38.8	9.36	8.99	9.07	8.88	8.64
Concrete, gypsum & plaster prod.	382.75	378.77	381.78	381.33	345.22	44.3	44.3	44.6	44.6	42.1	8.64	8.55	8.56	8.55	8.20
Other stone, clay & glass prod.	409.04	392.35	385.49	385.49	367.86	40.7	40.2	39.7	39.7	38.6	10.05	9.76	9.71	9.71	9.53
Primary metal industries	475.83	471.14	472.82	465.23	426.27	40.6	40.2	39.9	39.9	35.2	11.72	11.72	11.85	11.66	12.11
Blast furnace & basic steel prod.	510.07	503.23	510.94	498.41	464.44	40.1	39.5	39.7	39.4	34.2	12.72	12.74	12.87	12.65	13.58
Blast furnaces & steel mills	517.29	510.34	520.70	505.50	469.88	40.1	39.5	39.9	39.4	34.0	12.90	12.92	13.05	12.83	13.82
Other basic steel products	441.10	433.32	422.87	424.32	411.41	40.1	39.5	38.2	39.0	35.9	11.00	10.97	11.07	10.88	11.46
Iron & steel foundries	370.55	372.19	360.36	359.20	306.67	40.9	40.9	39.0	39.3	33.7	9.06	9.10	9.24	9.14	9.10
Gray iron foundries	359.79	359.60	366.52	347.91	298.99	40.2	40.0	39.2	38.7	35.3	8.95	8.99	9.35	8.99	8.47
Steel foundries, n.e.c.	388.83	395.79	349.59	389.32	361.36	39.0	40.1	35.6	38.7	36.1	9.97	9.87	9.82	10.06	10.01
Malleable iron & steel invest.	376.77	374.03	358.69	347.77	260.55	44.8	43.9	42.6	41.5	28.6	8.41	8.52	8.42	8.38	9.11
Nonferrous rolling & drawing	434.85	428.41	414.26	429.46	379.09	42.8	43.1	42.1	43.6	40.2	10.16	9.94	9.84	9.85	9.43
Nonferrous foundries	363.41	361.20	354.00	351.83	330.24	40.2	40.0	40.0	39.8	38.4	9.04	9.03	8.85	8.84	8.60
Other primary metal products	401.32	403.22	388.01	385.63	361.10	42.2	42.4	40.8	41.6	39.9	9.51	9.51	9.51	9.27	9.05
Fabricated metal products	406.58	394.15	386.11	387.73	363.37	41.7	41.1	40.6	40.9	39.8	9.75	9.59	9.51	9.48	9.13
Metal cans & shipping containers	472.89	487.41	490.23	466.49	413.88	41.3	42.2	41.9	40.6	40.3	11.45	11.55	11.70	11.49	10.27
Cutlery, hand tools & hardware	307.32	302.94	297.04	301.85	276.43	39.4	39.6	39.5	40.3	38.5	7.80	7.65	7.52	7.49	7.18
Plumbing & heating exc. electrical	403.97	410.98	368.80	410.24	364.49	42.3	42.5	40.0	42.6	41.0	9.55	9.67	9.22	9.63	8.89
Fabricated structural metal prod.	362.71	358.02	346.81	345.86	339.37	40.8	40.5	39.5	39.8	39.6	8.89	8.84	8.78	8.69	8.57
Fabricated structural metal	399.49	395.78	379.22	386.05	358.70	41.7	41.4	40.3	41.6	38.2	9.58	9.56	9.41	9.28	9.39
Fabricated plate work (boiler shops)	419.92	405.73	374.19	384.56	380.21	41.7	40.9	38.3	40.1	39.4	10.07	9.92	9.77	9.59	9.65
Other fabricated struct. metal prod.	328.43	327.22	325.54	316.71	309.54	40.2	40.1	39.7	39.1	40.2	8.17	8.16	8.20	8.10	7.70
Screw machine products, bolts, etc.	365.38	373.72	390.29	374.74	336.90	39.5	39.8	41.3	40.6	37.6	9.25	9.39	9.45	9.23	8.96
Metal forgings & stampings	557.31	511.92	514.51	513.22	462.89	44.8	43.2	43.9	43.2	41.0	12.43	11.85	11.72	11.88	11.29
Iron & steel forgings	411.43	382.20	381.42	391.79	373.84	40.1	39.0	39.0	38.6	38.7	10.26	9.80	9.78	10.15	9.66
Other metal forgings & stampings	591.19	546.22	550.08	546.91	489.98	45.9	44.3	45.2	44.5	41.7	12.88	12.33	12.17	12.29	11.75
Metal services & ordnance, n.e.c.	344.03	327.98	338.99	331.93	336.38	41.4	39.9	40.5	39.8	42.1	8.31	8.22	8.37	8.34	7.99
Misc. fabricated metal products	375.00	367.36	338.82	358.97	340.28	41.3	41.0	38.9	40.7	38.8	9.08	8.96	8.71	8.82	8.77
Valves & pipe fittings	381.39	374.26	347.62	358.94	369.16	39.4	39.9	38.2	39.1	38.9	9.68	9.38	9.10	9.18	9.49
Other misc. fabricated metal prod.	371.85	363.17	334.44	358.56	323.92	42.4	41.6	39.3	41.5	38.7	8.77	8.73	8.51	8.64	8.37

HOURS AND EARNINGS FOR

Table 6. (cont.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
Machinery, exc. electrical	$413.09	$403.20	$395.02	$400.40	$371.72	40.9	40.0	39.7	40.0	38.6	$10.10	$10.08	$ 9.95	$10.01	$ 9.63
Engines & turbines	484.06	463.22	473.11	462.48	467.31	39.1	38.0	39.1	39.8	41.1	12.38	12.19	12.10	11.62	11.37
Farm & garden machinery	480.47	473.43	465.55	440.77	378.50	43.6	43.0	42.4	41.7	39.8	11.02	11.01	10.98	10.57	9.51
Construction & related mach.	417.18	407.43	393.04	406.18	338.54	40.9	40.3	38.8	39.9	34.3	10.20	10.11	10.13	10.18	9.87
Construction machinery	485.55	471.99	461.36	491.36	312.46	41.5	40.9	39.5	41.5	27.1	11.70	11.54	11.68	11.84	11.53
Conveyors & conveying equip.	397.96	390.93	381.70	374.26	362.25	42.7	42.4	42.6	41.4	41.4	9.32	9.22	8.96	9.04	8.75
Other construction & related mach.	363.89	357.11	344.08	349.30	357.11	39.9	39.2	37.4	38.3	39.2	9.12	9.11	9.20	9.12	9.11
Metal working machinery	425.21	411.76	403.79	412.59	394.97	42.1	41.3	40.5	41.3	41.1	10.10	9.97	9.97	9.99	9.61
Special industry machinery	410.92	385.40	387.45	386.68	375.25	43.3	41.0	41.0	41.4	40.7	9.49	9.40	9.45	9.34	9.22
General industrial machinery	405.32	399.59	385.09	389.85	377.30	40.9	40.2	39.7	39.7	39.8	9.91	9.94	9.70	9.82	9.48
Pumps & pumping equipment	452.83	443.56	398.97	441.60	418.18	42.4	41.3	39.0	41.7	41.2	10.68	10.74	10.23	10.59	10.15
Ball & roller bearings	409.61	419.00	404.09	408.29	379.99	41.5	41.9	40.9	41.2	39.5	9.87	10.00	9.88	9.91	9.62
Air & gas compressors	456.57	405.38	397.31	394.30	374.75	44.5	39.9	40.5	40.4	39.2	10.26	10.16	9.81	9.76	9.56
Industrial furnaces & ovens	373.98	381.60	357.34	379.01	353.92	38.2	40.0	36.5	38.4	38.5	9.79	9.54	9.79	9.87	9.19
Other general industrial mach.	374.69	375.18	373.20	360.61	365.09	39.4	39.0	40.0	38.2	39.9	9.51	9.62	9.33	9.44	9.15
Office and computing machines	481.12	475.14	465.71	471.97	424.63	41.8	39.3	39.3	39.2	39.1	11.51	12.09	11.85	12.04	10.86
Refrigeration & service ind. mach.	361.54	362.70	359.19	368.17	368.23	37.7	37.9	39.0	37.8	40.2	9.59	9.57	9.21	9.74	9.16
Misc. machinery, exc. electrical	367.88	363.13	344.37	352.63	297.65	39.9	39.6	39.0	39.8	35.1	9.22	9.17	8.83	8.86	8.48
Electric & electronic equipment	362.30	359.60	375.24	367.09	341.82	40.3	40.0	41.1	41.2	39.2	8.99	8.99	9.13	8.91	8.72
Electric distributing equip.	387.66	366.72	409.76	408.35	434.93	37.6	35.5	39.4	39.8	41.7	10.31	10.33	10.40	10.26	10.43
Transformers	420.84	388.70	403.40	439.21	504.34	42.0	38.6	40.3	43.4	47.4	10.02	10.07	10.01	10.12	10.64
Switchgear & switchboard apparatus	367.50	354.56	413.12	391.61	396.17	34.9	33.8	38.9	37.8	38.5	10.53	10.49	10.62	10.36	10.29
Electrical industrial apparatus	357.62	342.42	370.05	346.52	317.46	40.5	39.0	41.3	40.2	39.0	8.83	8.78	8.96	8.62	8.14
Household appliances	341.96	355.74	329.02	317.49	303.73	41.3	42.0	38.8	39.1	39.6	8.28	8.47	8.48	8.12	7.67
Electric lighting & wiring equip.	322.58	313.01	317.81	319.87	296.43	39.1	38.5	38.9	39.2	37.1	8.25	8.13	8.17	8.16	7.99
Current-carrying wiring devices	361.12	343.36	365.90	362.71	288.15	41.7	40.3	42.3	41.5	36.2	8.66	8.52	8.65	8.74	7.96
Other electric light & wiring equip.	286.63	281.82	270.56	277.86	302.78	36.7	36.6	35.6	36.9	37.8	7.81	7.70	7.60	7.53	8.01
Communication equipment	399.25	386.48	412.72	388.03	332.05	42.7	42.1	44.0	42.5	37.1	9.35	9.18	9.38	9.13	8.95
Electronic components & accessories	389.22	399.36	424.77	407.22	351.74	41.1	41.6	43.3	43.6	39.7	9.47	9.60	9.81	9.34	8.86
Semiconductors & related devices	459.10	477.70	496.50	504.85	437.81	40.7	42.5	43.4	43.9	40.5	11.28	11.24	11.44	11.50	10.81
Other electronic components & access.	350.22	354.69	384.91	353.71	307.33	41.3	41.1	43.2	43.4	39.3	8.48	8.63	8.91	8.15	7.82
Other electrical equip. & supplies	313.16	315.05	276.43	309.57	313.82	40.2	41.4	38.5	40.1	38.6	7.79	7.61	7.18	7.72	8.13
Transportation equipment	481.54	449.55	457.20	463.80	413.32	41.8	39.4	40.0	41.3	38.7	11.52	11.41	11.43	11.23	10.68
Motor vehicles & equipment	489.06	461.16	459.76	482.94	401.81	41.8	39.9	39.6	42.4	37.8	11.70	11.57	11.61	11.39	10.63
Motor vehicle parts & access.	521.99	506.16	468.22	493.62	392.06	44.5	44.4	41.0	43.3	38.4	11.73	11.40	11.42	11.40	10.21
Other motor vehicles & equip.	461.36	426.53	452.76	474.13	410.69	39.5	36.3	38.5	41.7	37.2	11.68	11.75	11.76	11.37	11.04
Aircraft & parts	495.30	437.16	492.88	483.20	465.53	40.4	36.4	40.7	40.3	40.8	12.26	12.01	12.11	11.99	11.41
Ship & boat building & repairing	408.24	372.30	352.99	367.00	367.30	40.3	36.5	35.8	36.7	38.3	10.13	10.20	9.86	10.00	9.59
Railroad equipment	482.57	450.00	468.46	457.88	420.31	41.0	38.2	39.7	40.2	37.9	11.77	11.78	11.80	11.39	11.09
Other transportation equipment	471.60	443.84	437.50	423.19	389.46	45.0	42.8	42.6	41.9	40.4	10.48	10.37	10.27	10.10	9.64
Instruments & related products	372.30	358.60	375.42	362.50	343.96	40.6	39.8	41.3	40.1	39.4	9.17	9.01	9.09	9.04	8.73
Measuring & controlling devices	386.46	367.88	396.18	374.79	346.18	41.2	39.9	42.6	40.3	39.7	9.38	9.22	9.30	9.30	8.72
Medical instruments & supplies	354.38	345.20	352.30	354.60	358.60	38.9	38.7	38.8	39.4	39.8	9.11	8.92	9.08	9.00	9.01
Other instruments & related prod.	363.44	357.16	357.28	346.72	322.10	41.3	41.1	41.4	40.6	38.3	8.80	8.69	8.63	8.54	8.41
Miscellaneous manufacturing industries	377.65	369.96	370.46	361.47	294.81	41.5	40.7	41.3	41.5	37.7	9.10	9.09	8.97	8.71	7.82

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
TOTAL NONDURABLE GOODS	$298.76	$296.07	$293.46	$291.08	$275.28	38.8	38.5	38.0	38.2	37.2	$ 7.70	$ 7.69	$ 7.72	$ 7.62	$ 7.40
Food & kindred products	345.60	348.13	337.59	337.79	322.69	40.0	40.2	39.3	39.6	39.4	8.64	8.66	8.59	8.53	8.19
Meat products	324.58	316.98	313.91	314.80	306.68	41.4	40.9	40.4	40.0	40.3	7.84	7.75	7.77	7.87	7.61
Meat packing plants	365.92	346.90	351.07	355.70	340.47	43.1	41.2	41.4	41.7	42.4	8.49	8.42	8.48	8.53	8.03
Sausages & other prepared meats	373.92	379.45	364.17	354.43	355.55	41.0	41.2	39.8	38.4	38.9	9.12	9.21	9.15	9.23	9.14
Poultry dressing & processing	246.00	242.61	239.80	240.77	237.80	40.0	40.3	39.9	39.6	39.7	6.15	6.02	6.01	6.08	5.99
Dairy products	335.62	325.63	335.48	334.19	317.67	42.7	42.4	43.4	42.9	42.3	7.86	7.68	7.73	7.79	7.51
Fluid milk	348.43	346.88	352.73	356.12	347.35	40.8	41.1	41.4	41.7	41.9	8.54	8.44	8.52	8.54	8.29
Other dairy products	325.90	309.16	322.65	315.80	292.24	44.1	43.3	45.0	43.8	42.6	7.39	7.14	7.17	7.21	6.86
Preserved fruits & vegetables	333.74	338.20	268.59	321.40	290.32	41.0	40.6	33.7	39.1	38.2	8.14	8.33	7.97	8.22	7.60
Canned fruits & vegetables	253.99	260.60	238.35	246.99	260.98	38.6	38.1	36.5	36.7	40.4	6.58	6.84	6.53	6.73	6.46
Other preserved fruits & vegetables	371.74	369.82	282.43	354.56	306.64	42.1	41.6	32.5	40.2	36.9	8.83	8.89	8.69	8.82	8.31
Grain mill products	436.30	443.39	426.26	409.64	426.47	40.7	41.4	40.1	40.2	42.1	10.72	10.71	10.63	10.19	10.13
Bakery products	328.93	326.62	329.75	319.31	324.22	37.0	37.2	37.6	37.0	37.7	8.89	8.78	8.77	8.63	8.60
Bread, cake & related prod.	343.73	332.15	338.01	326.16	341.61	37.0	36.5	36.7	36.2	38.6	9.29	9.10	9.21	9.01	8.85
Cookies & crackers	291.98	310.44	306.46	299.88	277.73	37.1	39.0	39.8	39.2	35.2	7.87	7.96	7.70	7.65	7.89
Sugar & confectionery prod.	355.11	369.77	361.20	345.54	337.51	39.5	40.5	40.0	39.0	39.2	8.99	9.13	9.03	8.86	8.61
Beverages	444.31	475.59	469.10	443.52	396.81	40.1	44.2	43.8	42.0	39.8	11.08	10.76	10.71	10.56	9.97
Other food & kindred products	294.80	283.86	282.30	298.28	257.47	40.0	38.0	38.2	40.2	38.2	7.37	7.47	7.39	7.42	6.74
Tobacco manufacturers	222.71	214.50	201.47	211.03	207.76	42.1	39.0	36.9	38.3	39.8	5.29	5.50	5.46	5.51	5.22
Textile mill products	235.35	232.80	223.05	233.01	210.86	38.9	38.8	37.3	38.9	36.8	6.05	6.00	5.98	5.99	5.73
Weaving mills, synthetics	258.52	254.41	236.98	260.20	241.20	41.1	41.1	38.1	41.9	40.2	6.29	6.19	6.22	6.21	6.00
Knitting mills	222.12	221.18	208.57	219.26	200.74	38.1	38.2	36.4	38.0	36.3	5.83	5.79	5.73	5.77	5.53
Knit outerwear mills	222.50	222.15	201.70	222.12	194.76	38.1	38.5	35.2	38.1	36.0	5.84	5.77	5.73	5.83	5.41
Knit underwear mills	198.45	195.73	195.15	194.93	185.49	37.8	37.0	37.1	37.2	36.3	5.25	5.29	5.26	5.24	5.11
Other knitting mills	251.94	250.24	239.51	241.72	231.99	38.7	39.1	38.2	38.8	37.0	6.51	6.40	6.27	6.23	6.27
Floor covering mills	321.44	325.82	259.70	287.66	258.48	41.0	41.4	35.0	38.1	35.9	7.84	7.87	7.42	7.55	7.20
Yarn & thread mills	201.44	196.38	200.54	199.97	186.84	36.1	36.1	37.0	37.1	36.0	5.58	5.44	5.42	5.39	5.19
Other textile mill prod.	244.61	239.55	248.69	248.00	215.87	40.1	39.4	39.6	40.0	36.9	6.10	6.08	6.28	6.20	5.85
Apparel & other textile products	191.13	186.45	184.37	187.81	174.62	34.5	33.9	33.1	33.9	32.7	5.54	5.50	5.57	5.54	5.34
Men's & boys' suits & coats	246.11	231.82	244.60	241.97	218.04	36.3	34.6	35.5	35.9	34.7	6.78	6.70	6.89	6.74	6.47
Men's & boys' furnishings	188.67	187.43	184.60	188.68	181.10	35.8	35.7	34.7	35.6	34.3	5.27	5.25	5.32	5.30	5.28
Men's & boys' shirts & nightwear	184.43	190.74	194.74	187.95	175.54	35.4	36.4	36.4	35.8	33.5	5.21	5.24	5.35	5.25	5.24
Men's & boys' separate trousers	191.95	194.30	190.99	193.40	185.93	34.9	35.2	35.5	35.1	33.5	5.50	5.52	5.38	5.51	5.55
Other furnishings & work clothing	190.47	180.03	171.15	186.54	183.73	36.7	35.3	32.6	35.6	35.4	5.19	5.10	5.25	5.24	5.19
Women's & misses' outerwear	181.06	176.90	172.85	176.00	160.56	33.1	32.4	31.6	32.0	30.7	5.47	5.46	5.47	5.50	5.23
Women's & children's undergarments	178.31	171.16	161.82	162.50	164.15	35.1	34.3	32.3	33.3	33.5	5.08	4.99	5.01	4.88	4.90
Children's outerwear	175.10	172.26	171.87	187.44	163.30	33.1	33.0	32.8	35.5	33.6	5.29	5.22	5.24	5.28	4.86
Other apparel & textile prod.	189.15	188.84	190.11	186.07	184.91	36.8	37.1	36.7	36.2	36.4	5.14	5.09	5.18	5.14	5.08

HOURS AND EARNINGS FOR

Table 6. (concl.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
Paper & allied products	$380.19	$382.37	$381.05	$373.59	$341.95	43.7	43.9	43.9	43.9	41.6	$ 8.70	$ 8.71	$ 8.68	$ 8.51	$ 8.22
Paper mills exc. building paper	473.83	476.63	478.63	467.40	444.54	47.1	46.5	46.2	47.5	46.5	10.06	10.25	10.36	9.84	9.56
Paper board containers & boxes	375.80	378.00	372.36	364.19	331.14	42.9	43.2	42.8	42.2	39.8	8.76	8.75	8.70	8.63	8.32
Corrugated & solid fiber boxes	397.27	400.51	391.61	386.76	357.25	43.8	44.7	44.1	43.9	41.3	9.07	8.96	8.88	8.81	8.65
Other paperboard containers	352.80	353.60	352.75	339.33	303.69	41.9	41.6	41.5	40.3	38.2	8.42	8.50	8.50	8.42	7.95
Other paper & allied products	341.48	347.20	347.69	344.18	302.66	42.9	43.4	43.9	43.9	40.9	7.96	8.00	7.92	7.84	7.40
Printing & publishing	361.82	356.81	353.72	350.68	334.90	39.2	38.7	38.7	38.2	38.1	9.23	9.22	9.14	9.18	8.79
Newspapers	334.08	321.38	323.04	323.28	316.91	34.3	33.2	33.2	33.5	33.5	9.74	9.68	9.73	9.65	9.46
Books	368.46	348.91	333.13	335.23	304.56	42.4	41.0	39.8	38.8	36.3	8.69	8.51	8.37	8.64	8.39
Commercial printing	384.71	385.20	376.51	372.17	360.00	40.2	40.0	39.8	39.3	40.0	9.57	9.63	9.46	9.47	9.00
Lithographing	409.70	404.82	391.79	375.73	379.53	39.7	39.0	38.6	36.8	39.7	10.32	10.38	10.15	10.21	9.56
Other commercial printing	350.96	358.52	356.07	367.22	332.90	41.0	41.4	41.5	42.7	40.4	8.56	8.66	8.58	8.60	8.24
Manifold business forms	405.92	396.14	412.55	404.71	357.94	43.6	43.2	44.6	43.8	40.4	9.31	9.17	9.25	9.24	8.86
Other printing & publishing	323.70	325.20	326.58	320.64	306.10	39.0	38.9	39.3	38.4	38.6	8.30	8.36	8.31	8.35	7.93
Chemicals & allied products	427.84	430.92	416.34	422.24	401.53	41.7	42.0	41.1	41.6	40.6	10.26	10.26	10.13	10.15	9.89
Industrial inorganic chemicals	466.98	445.91	414.47	441.09	401.55	43.4	43.0	41.2	43.5	41.1	10.76	10.37	10.06	10.14	9.77
Plastic materials & synthetics	440.50	470.99	392.46	426.80	404.53	41.4	44.1	37.7	40.0	38.6	10.64	10.68	10.41	10.67	10.48
Drugs	447.69	446.45	445.05	454.44	438.29	41.3	41.3	41.4	42.0	41.0	10.84	10.81	10.75	10.82	10.69
Soap, cleaners & toilet goods	389.35	405.44	384.56	380.61	365.07	43.6	45.3	43.8	43.3	43.0	8.93	8.95	8.78	8.79	8.49
Paints & allied products	400.88	419.74	407.55	444.00	369.76	41.2	42.7	41.8	44.4	38.8	9.73	9.83	9.75	10.00	9.53
Other chemicals & allied prod.	408.29	401.20	410.11	390.17	382.86	41.2	40.2	41.3	40.1	40.6	9.91	9.98	9.93	9.73	9.43
Petroleum & coal products	546.05	539.52	557.80	525.34	540.32	43.2	43.3	44.2	42.4	44.0	12.64	12.46	12.62	12.39	12.28
Petroleum refining	601.44	583.36	608.14	565.90	575.96	43.3	42.8	44.1	42.2	43.6	13.89	13.63	13.79	13.41	13.21
Other petroleum & coal prod.	429.86	443.11	440.89	425.14	442.96	42.9	44.4	44.4	42.9	45.2	10.02	9.98	9.93	9.91	9.80
Rubber & misc. plastics products	335.86	321.12	317.99	308.70	291.45	42.3	40.7	40.1	40.3	37.9	7.94	7.89	7.93	7.66	7.69
Tires & inner tubes	459.22	466.31	438.70	460.85	388.63	43.2	44.2	41.0	43.6	39.9	10.63	10.55	10.70	10.57	9.74
Fabricated rubber prod., n.e.c.	381.60	364.83	384.89	374.33	359.81	42.4	40.9	41.7	41.5	41.5	9.00	8.92	9.23	9.02	8.67
Other rubber & plastic prod., n.e.c.	319.03	303.40	300.45	289.28	276.01	42.2	40.4	39.9	39.9	37.4	7.56	7.51	7.53	7.25	7.38
Leather & leather products	196.94	198.36	196.70	195.05	181.41	37.3	38.0	37.9	37.8	35.5	5.28	5.22	5.19	5.16	5.11
Footwear, exc. rubber	186.29	186.13	184.13	184.64	171.78	36.6	37.3	36.9	37.3	35.2	5.09	4.99	4.99	4.95	4.88
Men's footwear, exc. athletic	196.94	197.25	201.10	199.80	185.06	37.8	38.3	39.2	39.1	36.5	5.21	5.15	5.13	5.11	5.07
Women's footwear, exc. athletic	179.83	179.83	177.97	182.02	168.43	35.4	36.7	36.1	37.3	34.8	5.08	4.90	4.93	4.88	4.84
Other footwear	175.06	172.80	161.56	162.11	157.51	35.8	36.0	33.8	34.2	33.8	4.89	4.80	4.78	4.74	4.66
Other leather & leather prod.	235.01	243.19	243.78	235.81	225.57	39.9	40.6	41.6	39.9	37.1	5.89	5.99	5.86	5.91	6.08
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	395.60	371.66	308.99	384.85	392.77	36.8	34.8	29.4	35.3	37.3	10.75	10.68	10.51	10.75	10.53
Bituminous coal & lignite mining	501.73	492.40	461.36	527.85	467.70	36.2	36.1	34.2	39.1	36.2	13.86	13.64	13.49	13.50	12.92
Nonmetallic minerals, exc. fuels	440.74	430.22	429.14	402.40	379.67	49.3	49.0	48.6	46.2	42.9	8.94	8.78	8.83	8.71	8.85
Communication	464.49	425.63	458.57	452.00	443.82	39.7	37.8	39.6	39.1	39.0	11.70	11.26	11.58	11.56	11.38
Electric, gas, & sanitary services	527.09	527.43	489.30	497.70	492.33	42.1	42.5	42.0	42.0	41.9	12.52	12.41	11.65	11.85	11.75
Electric services	517.59	512.13	474.31	486.57	485.64	42.6	42.5	41.9	42.2	42.6	12.15	12.05	11.32	11.53	11.40
Gas production & distribution	443.48	425.86	435.48	425.14	416.56	40.5	40.1	41.2	40.8	40.6	10.93	10.62	10.57	10.42	10.26
General merchandise stores	161.87	170.42	167.80	164.83	156.44	30.6	31.5	31.6	31.1	30.2	5.29	5.41	5.31	5.30	5.18

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

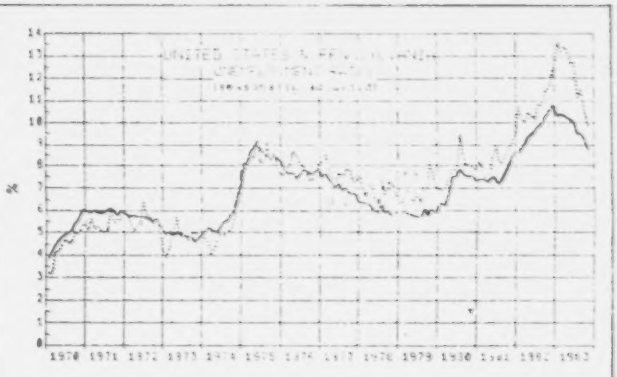
NOVEMBER 1983

Vol. XXVIII No.11

(October Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	OCT. 1983	SEPT. 1983	OCT. 1982
Civilian Labor Force (Unadj.)	5568.0	5512.0	5531.0
Employment (Unadjusted)	5038.0	4964.0	4911.0
Unemployment (Unadjusted)	530.0	549.0	620.0
%Civilian Labor Force	9.5	10.0	11.2
Unemployment (Seas. Adj.)	547.0	576.0	635.0
%Civilian Labor Force	9.9	10.4	11.6



EMPLOYMENT INCREASES BY 74,000
UNEMPLOYMENT DECREASES BY 19,000

Total employment in Pennsylvania for October reached a level of 5,038,000 workers, the second highest month during the last 20, exceeded only by the July 19 figure of 5,054,000. October's employment was 74,000 more than a month ago and 127,000 above a year ago. There were 530,000 Pennsylvanians unemployed, down 19,000 from September. The October unadjusted unemployment rate was 9.5 percent, dropping from 10.0 percent in September and 11.2 percent in October 1982.

The state's seasonally adjusted unemployment rate was 9.9 percent, down from 10.4 percent in September and the lowest recorded since December 1981. Nationally the seasonally adjusted unemployment rate for October was 9.3 percent.

NONAGRICULTURAL EMPLOYMENT INCREASES BY 35,600
NONMANUFACTURING INDUSTRIES GAIN 34,800 JOBS

Employment in the nonagricultural segment increased for the second consecutive month as employment reached 4,520,700 in October. This was 35,600 more than the September figure of 4,485,100. Nonmanufacturing industries accounted for 34,800 of the increase and manufacturing for 800.

NONMANUFACTURING. State and local government employment accounted for a significant increase of 25,600 in the nonmanufacturing sector. Local government gained 15,700 jobs while state government increased by 9,900. The employment gain in local government was attributed to educational institutions increasing their work forces by 19,800. This was enough to offset the drop of 4,100 that occurred in other local government jobs. At the state level, 10,600 jobs were added to the educational institutions payrolls, continuing the pattern that began in September.

Other major industrial sectors reporting gains in employment were nongovernmental educational service, 11,200; wholesale and retail trade, 4,800; and contract construction, 2,600. Seasonal amusement and recreation services reported a drop of 9,700 jobs. Also reporting losses were eating and drinking places with 3,900 jobs terminated.

MANUFACTURING. Net employment gains in manufacturing industries for October totaled 800 as the durable goods segment increased by 1,900 compared to a loss of 1,100 jobs in the nondurable goods. A total of 5,400 manufacturing jobs were added in September and 5,600 in August. Transportation equipment reported the largest increase with 1,300 additional persons employed, the second month for a significant increase in that industry which added 1,500 jobs in September. Metal forgings and stamping increased by 900 jobs, engines and turbines, 800; machinery, except electrical, 700; and newspaper printing and publishing, 700.

LENGTH OF WORK WEEK
AND WEEKLY EARNINGS EXPERIENCE
LITTLE CHANGE

Average weekly earnings for production workers changed very little over the previous month as the average weekly earnings dropped from $359.50 in September to $358.49. Durable goods average weekly earnings were $409.41, the same as the previous month and nondurable earnings fell to $295.29 from $297.22. With the length of the durable goods work week and the hourly rate remaining identical to the previous month at 40.3 hours and $10.01, respectively, the

overall reduction for the month is attributed to slight reductions in nondurable goods industries. Average weekly hours worked went from 38.6 in September to 38.3 in October, weekly income from $297.22 to $295.29 and average hourly earnings from $7.70 to $7.71.

Industries reporting average weekly hours worked of more than 45.0 hours during the month were: mining nonmetalic minerals, 49.0; paper mills except building paper, 46.0; electrical transformers, 45.8; and motor vehicles parts and accessories, 45.1.

THIRTEEN MAJOR LABOR MARKET AREA'S REPORT INCREASES IN EMPLOYMENT; TWELVE RECORD DROP IN UNEMPLOYMENT RATES (NOT SEASONALLY ADJUSTED)

Thirteen major labor market areas reported increases in employment during October. Only the Altoona area failed to show improvement over the previous month. Twelve major areas recorded decreases in unemployment rates. Altoona and Lancaster were the only areas that experienced increases in unemployment rates. Altoona's rate went from 11.8 percent to 12.2 percent and Lancaster's from 4.6 percent to 4.7 percent. Despite the slight increase, Lancaster's rate was the lowest among all major areas followed by Harrisburg, 5.2 and Reading, 6.3. Johnstown continues to lead the major labor market areas in unemployment rates with a rate of 15.1 percent, 0.6 percent below the previous month. Other areas reporting decreases from September, but exceeding the state unemployment rate of 9.5 percent were: Sharon, 14.7 percent; Pittsburgh, 12.2 percent; Williamsport, 12.2 percent; Erie, 11.8 percent; and Northeast Pennsylvania, 10.1 percent.

Ten major labor market areas reported employment increases in nonmanufacturing industries totaling 31,700 jobs and four areas reported a combined loss of 1,300 jobs, resulting in a net gain of 30,400 nonmanufacturing jobs. Areas reporting significant increases were: Philadelphia, 19,700; Pittsburgh, 3,100; Lancaster, 2,200; and Northeast Pennsylvania, 2,200. Altoona lost 800 nonmanufacturing jobs from the previous month, decreasing from 35,500 in September to 34,700 in October.

Employment in manufacturing industries dropped for eight labor market areas with Pittsburgh losing 900 jobs, and Lancaster losing 600. However, sizable gains were reported by Philadelphia, 3,100; Reading, 1,100; and York, 800. Total manufacturing jobs for the major labor market areas grew by 3,100.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYEES			NET CHANGE		PRODUCTION WORKER AVERAGES HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Oct. 1983	Sept. 1983	Oct. 1982	Sept. 1983	Oct. 1982	Oct. 1983	Sept. 1983	Oct. 1982	Oct. 1983	Sept. 1983	Oct. 1982	Oct. 1983	Sept. 1983	Oct. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4520.7	4485.1	4523.1	35.6	-2.4									
TOTAL MANUFACTURING INDUSTRIES	1110.1	1109.3	1118.9	0.8	-8.8	$358.49	$359.50	$330.43	39.7	39.9	38.2	$ 9.03	$ 9.01[1]	$ 8.65
TOTAL DURABLE GOODS	632.7	630.8	639.4	1.9	-6.7	409.41	409.41	374.81	40.9	40.9	38.8	10.01	10.01	9.66
Lumber & wood products	20.7	21.0	17.2	-0.3	3.5	285.07	282.05	262.87	40.9	40.7	38.6	6.97	6.93	6.81
Furniture & fixtures	19.3	18.8	18.2	0.5	1.1	305.72	302.65	282.51	40.6	40.3	38.7	7.53	7.51	7.30
Stone, clay & glass products	50.7	51.1	51.2	-0.4	-0.5	401.15	404.88	366.96	41.7	42.0	39.8	9.62	9.64	9.23
Primary metal industries	123.0	123.3	121.3	-0.3	1.7	468.77	469.17	429.47	40.1	40.1	35.7	11.69	11.70	12.03
Fabricated metal products	89.7	89.4	92.2	0.3	-2.5	405.74	405.74	369.15	41.7	41.7	40.3	9.73	9.73	9.16
Machinery, exc. electrical	106.1	105.4	116.6	0.7	-10.5	416.77	414.10	374.58	40.9	41.0	39.5	10.19	10.10	9.58
Electric & electronic equipment	103.3	103.0	104.3	0.3	-1.0	368.92	364.41	347.29	40.9	40.4	39.6	9.02	9.02	8.77
Transportation equipment	62.2	60.9	60.1	1.3	2.1	465.81	478.82	435.81	40.4	41.6	39.8	11.53	11.51	10.95
Instruments & related products	35.6	35.6	37.5	0.0	-1.9	369.96	372.19	346.81	40.7	40.9	39.5	9.09	9.10	8.78
Miscellaneous manufacturing industries	22.1	22.3	20.8	-0.2	1.3	373.83	379.81	310.46	40.9	41.6	39.2	9.14	9.13	7.92
TOTAL NONDURABLE GOODS	477.4	478.5	479.5	-1.1	-2.1	295.29	297.22	274.89	38.3	38.6	37.4	7.71	7.70	7.35
Food & kindred products	93.6	93.8	94.3	-0.2	-0.7	343.01	345.20	319.53	39.7	40.0	39.4	8.64	8.63	8.11
Tobacco manufacturers	2.3	2.3	2.3	0.0	0.0	215.74	222.71	205.37	40.1	42.1	39.8	5.38	5.29	5.16
Textile mill products	39.4	39.2	38.1	0.2	1.3	235.20	234.96	212.98	39.2	38.9	37.3	6.00	6.04	5.71
Apparel & other textile products	112.2	112.4	113.1	-0.2	-0.9	190.23	191.48	176.75	34.4	34.5	33.1	5.53	5.55	5.34
Paper & allied products	40.4	40.2	39.5	0.2	0.9	373.12	380.19	348.17	42.4	43.5	42.1	8.80	8.74	8.27
Printing & publishing	71.2	71.4	70.9	-0.2	0.3	363.01	362.60	330.60	38.7	39.2	38.0	9.38	9.25	8.70
Chemicals & allied products	56.6	57.0	57.5	-0.4	-0.9	424.50	429.70	401.17	40.7	41.8	40.4	10.43	10.28	9.93
Petroleum & coal products	14.1	14.5	16.4	-0.4	-2.3	548.75	542.16	520.51	43.9	43.2	42.7	12.50	12.55	12.19
Rubber & misc. plastics products	34.4	84.3	33.3	0.1	1.1	320.31	323.05	302.48	40.7	41.1	39.8	7.87	7.86	7.60
Leather & leather products	13.2	13.4	14.1	-0.2	-0.9	192.56	195.20	173.91	36.4	36.9	34.1	5.29	5.29	5.10
TOTAL NONMANUFACTURING INDUSTRIES	3410.6	3375.8	3404.2	34.8	6.4									
Mining	43.7	43.7	45.1	0.0	-1.4									
Contract Construction	163.4	160.8	176.5	2.6	-13.1									
Transportation	143.5	143.0	142.6	0.5	0.9									
Public Utilities	103.3	103.6	104.9	-0.3	-1.6									
Communications	53.2	53.3	54.7	-0.1	-1.5									
Electric, gas and sanitary service	50.1	50.3	50.2	-0.2	-0.1									
Wholesale trade	234.4	233.5	237.8	0.9	-3.4									
Retail trade	746.5	742.6	732.6	3.9	13.9									
General merchandise stores	119.4	117.4	117.5	2.0	1.9									
Finance, insurance & real estate	239.9	239.7	237.4	0.2	2.5									
Banking	80.7	81.0	80.0	-0.3	0.7									
Insurance	70.0	69.4	69.9	0.6	0.1									
Services	1065.7	1062.3	1056.9	3.4	8.8									
Business services	146.1	145.4	141.4	0.7	4.7									
Health services	365.6	365.4	356.6	0.2	9.0									
Hospitals	219.9	219.8	216.9	0.1	3.0									
Educational service	134.2	123.0	141.4	11.2	-7.2									
Government	670.2	646.6	670.4	23.6	-0.2									
Federal	132.7	134.7	132.4	-2.0	0.3									
State & local	537.5	511.9	538.0	25.6	-0.5									
Persons in labor-management disputes	3.7	5.4	6.4	-1.7	-2.7									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.